

# NAGENDAR VARKALA

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## EXPERIENCE

<b>Full Stack Software Engineer Intern</b> <i>INNORIZE ENTERPRISES PRIVATE LIMITED</i>	<i>Oct 2025 — Present</i> <i>Hyderabad, India</i>
• Implemented full-stack MERN/Next.js applications and Node/Express REST APIs, achieving a 100 SEO score and reducing API latency ~35% while accelerating feature delivery ~25% by optimizing backend services, integrating MongoDB, and adding text-to-speech and abusive-content filtering	

## PROJECTS

<b>Campus-Connect</b>   MERN, Next.js	<i>— Present</i>
• Developed a full-stack campus event management platform, resulting in a 40% increase in event registrations and 70% faster check-in, by implementing QR-based digital tickets, secure role-based access, and real-time attendance tracking.	
<b>Video MeetZ</b>   React, Express, WebRTC, WebSockets	<i>— Present</i>
• Built a MERN-stack video-conferencing app supporting high-quality video, voice, and screen sharing. Implemented WebRTC for real-time streaming with <100 ms latency and WebSockets for scalable multi-user signaling with 99% session stability. Optimized connection reliability by 30% and reduced signaling overhead by 25% for smoother, low-lag communication.	
<b>Expense Tracker</b>   MERN Stack, RESTful API	
• Built a full-stack expense tracking application with JWT authentication, RESTful APIs, and a responsive dashboard supporting categorized expenses and data visualization. Improved system reliability with 99.9% uptime and accelerated budget analysis by 60% through performance optimization.	

## SKILLS

**Programming Languages:** JavaScript, Python, Java, C

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js

**Databases:** MongoDB, SQL, NoSQL

**DevOps & Deployment:** Git, GitHub, Docker, CI/CD, AWS, Vercel, Netlify, Render, Postman, WebRTC

**Development Methodologies:** Agile, Scrum, Test-Driven Development, MVC Architecture

**Professional Skills:** Problem-solving, Collaborative Teamwork, Technical Communication, Time Management

## EDUCATION

<b>Sri Indu College of Engineering &amp; Technology, Hyderabad, India</b>	<i>Oct 2022 — Apr 2026</i>
<i>B.Tech in Artificial Intelligence &amp; Data Science</i>	<i>GPA: 7.69</i>
<b>Sri Chaitanya Junior College, Hyderabad, India</b>	<i>Jun 2020 — Apr 2022</i>
<i>Intermediate</i>	<i>GPA: 81%</i>
<b>Dilsukhnagar Public School, Hyderabad, India</b>	<i>Jun 2019 — Mar 2020</i>
<i>High School</i>	<i>GPA: 10.0</i>

## CERTIFICATIONS

<b>JavaScript Essentials</b>	<i>2024</i>
<i>Coursera</i>	
<b>Python Programming</b>	<i>September 2025</i>
<i>GeeksforGeeks</i>	
<b>Next.js Development</b>	<i>October 2025</i>
<i>GeeksforGeeks</i>	

## AWARDS & HONORS

### Achievements

Published 5+ full-stack projects on GitHub using MERN stack and Next.js, following clean code practices and comprehensive documentation.

Participated in multiple Hackathons, serving as team lead, driving solution design, task allocation, and timely feature delivery.

Contributed as a volunteer in college technical events, supporting coordination and collaboration in fast-paced team environments.